Detection of Desmopressin in Serum by LC-MS/MS

ACE® Ultra-inert UHPLC & HPLC Columns

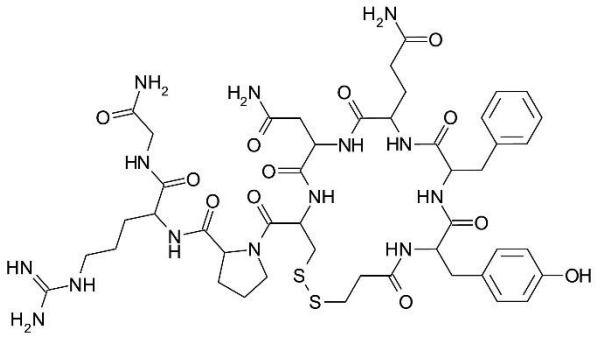
Application #AN6760

Conditions

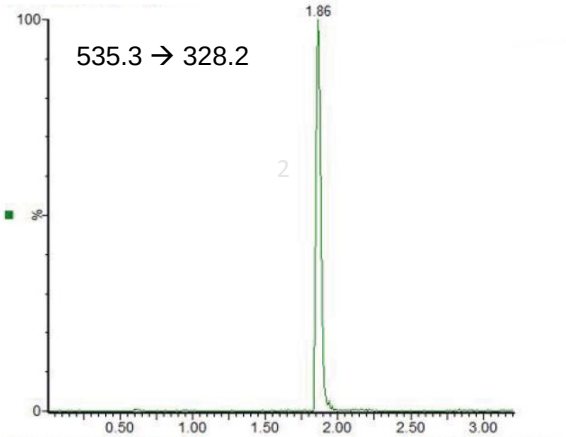
Column:	ACE Excel 1.7 C18-Amide
Dimensions:	100 x 2.1 mm
Part Number:	EXL-1712-1002U
Mobile Phase:	A: 0.1% formic acid in water B: 0.1% formic acid in acetonitrile

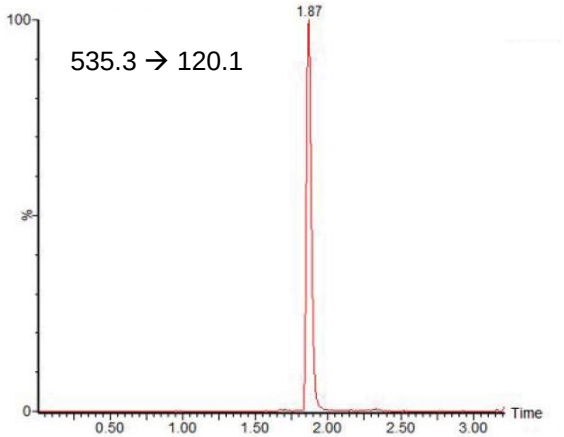
Time (mins)	%B
0	10
4.0	95
5.0	10
5.5	10

Flow Rate:	0.3 mL/min
Injection Volume:	2 µL
Temperature:	40 °C
Detection:	XEVO TQS triple quad MS Desolvation temperature: 500 °C Ion source temperature: 150 °C Positive mode ESI, MRM
Sample:	Serum spiked at 5 ng/mL



Desmopressin
m/z 535.3 → 328.2 (Quant)
m/z 535.3 → 120.1 (Qual)





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